



### AD-4401 Batch Weighing Indicator

Fuzzy Logic and Automatic Free Fall Compensation. Enter setpoints through front keys or external thumbwheels. Hold and Peak Hold functions. Weigh-In and Loss-in-Weight batching. Check Weighing.

Assign up to 6 input functions from a selection of 14,



AD-4401

#### Part Number

AD-4401 Batch Weighing Indicator

#### Options

AD-4401-01 Parallel BCD output open collector

AD-4401-03 RS422/485 serial output

AD-4401-04 RS232C serial output

AD-4401-05 Setpoint Unit

AD-4401-07 Analog output 4-20 ma

### SPECIFICATIONS

LOAD CELL . . . . .10 VDC +/- 5%, 230 ma  
(8)350 or (16) 700 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.3  $\mu$ V per div min

CONVERSION . . . . .17 times/sec display update  
100/sec sample rate for internal setpoint  
comparison  
Sigma Delta conversion  
16,000 display divisions  
1,000,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .20ma serial loop  
RS232, RS422/485, 4-20ma, BCD \*  
Baud 600, 1200, 2400, 4800, 9600, O, E, N  
100 ingredients  
Setpoint relays \*  
\* Optional

KEYS. . . . . SETPOINT, ZERO, TARE, NET/GROSS, F,  
ENTER, OPR/STB/ESC

ANNUNCIATORS . . . Zero, MD, Gross, Net, Hold, Alarm, Final,  
F.Fall, Prelm, OP.PLM, Over, Under, Z.Band

DISPLAY . . . . .Bright easy to see cobalt blue 13mm high  
999,950 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . .120 VAC +/-10%, 50/60Hz, 20 watts

SIZE . . . . .5.67"W x 7.76"D x 2.83"H, 4 lb  
Plastic enclosure, panel mount only



AD-4402

## AD-4402 Batching/Network Weighing Indicator

Multiple sequences & functions for filling, mixing, timing functions can be pre-programmed in this unit. Stores 100 sets of ingredient data, 100 sets of recipe codes. Select from 50 functions for each of 11 control inputs and 11 control outputs. 100 times per second high speed sampling. Compact DIN table or panel mounting. Standard RS485 communication for up to 32 units. Option cards for CC Link, Device Net & Profibus.

Part Number	Weight	Stock
AD-4402 Batching Network Indicator	5 lb	

### Options

AD-4402-01 Parallel BCD output-open collector	1 lb	5522
AD-4402-02 Relay output	1 lb	5523
AD-4402-03 RS422/485 serial output	1 lb	5524
AD-4402-04 RS232 serial output	1 lb	5525
AD-4402-05 Parallel I/O	1 lb	5526
AD-4402-07 Analog 4-20ma output	1 lb	5527
AD-4402-20 CC link interface	1 lb	5528
AD-4402-21 Device Net interface	1 lb	5529
AD-4402-22 Profibus interface	1 lb	5530

## SPECIFICATIONS

LOAD CELL .....10 VDC +/- 5%, 230 ma  
(8)350 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT .....0.6  $\mu$ V to 200  $\mu$ V per div

CONVERSION .....17 times/sec display update  
100/sec sample rate for internal setpoint comparison  
Delta sigma conversion  
16,000 display divisions  
1,000,000 internal divisions

OUTPUT .....BCD  
RS232, RS422, RS485 \*  
Baud 600, 1200, 2400, 4800, 9600, O, E, N  
100 ingredients  
Setpoint relays \*  
\* Optional

KEYS..... F1/F3, F2/F4, SHIFT, CODE RECALL/CODE SET, A/a, 1-0,ESCAPE, ENTER, NET/GROSS, TARE, ZERO

ANNUNCIATORS .....Stable, Net, Gross, Full, Zero Band, Fast Flow, Medium Flow, Dribble Flow, Finish, Tare Entry

DISPLAY .....Blue VFD 0.7" (18mm) high  
16,000 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

SUB DISPLAY .....(4) lines alpha characters 0.2" high VFD  
Displays status information

POWER .....85-250 VAC +/-10%, 50/60Hz, 20 watts

SIZE .....7.5"W x 5.3"D x 3.8"H, 5 lb  
Plastic enclosure.  
Table and panel mount



### AD-4405 Weighing Indicator

A general purpose Weighing Indicator. 1/40,000 display resolution. Mount on table, wall or desktop. Bright blue VFD display. Front panel is waterproof, protected to IP65. RS232 standard. Counting mode. Digital linearization. Accumulator with auto or manual entry. Optional relay outputs or 4-20ma analog output. 3 input signals for external control, input signal can be selected from zero, tare, mode, net/gross, print, M+. NTEP 04-034 III/IIIL 10,000 div.

Part Number	Weight	Stock
AD-4405 Weighing Indicator	6 lb	6141

#### Options

AD-4405-03 RS422/485/Relays (replaces std RS232)	1 lb	6142
AD-4405-05 RS232 w/Relays (replaces std RS232)	1 lb	6143
AD-4405-06 Built in printer w/time & date	1 lb	6144
AD-4405-07 Analog output 4-20 ma (replaces std RS232)	1 lb	6145



AD-4405



### SPECIFICATIONS

LOAD CELL . . . . .5 VDC +/- 5%, 60 ma  
(4)350 or (8) 700 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.2  $\mu$ V per div min

CONVERSION . . . . .10 times/sec display update  
Integrating dual slope type  
40,000 display divisions  
1,000,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .RS232 serial  
RS422/485/Relays replaces std RS232 \*  
RS232 w/Relays replaces std RS232 \*  
Baud 600, 1200, 2400, 4800, 9600, O, E, N  
\* Optional

KEYS. . . . .CODE, SAMPLE, SET POINT, PT, TOTAL,  
ZERO, TARE, M+, START, STOP, FEED,  
MODE, NET/GROSS, ON/OFF, PRINT

ANNUNCIATORS . . . . .Stable, Net Zero, PT, Ready, M+, 1-3, HI, OK, LO

DISPLAY . . . . .Bright easy to see cobalt blue 13mm high  
999,950 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . .100-240 VAC +/-10%, 50/60Hz, 30 VA

SIZE . . . . .10.83"W x 4.37"D x 6.26"H, 6 lb  
Desktop, panel, wall mount  
Plastic enclosure, IP65



AD-4406



## AD-4406 Weighing Indicator

A general purpose Weighing Indicator. 1/40,000 display resolution. Mount on table, wall or desktop. Large 1" high LCD display. Front panel is waterproof, protected to IP65. Counting mode. Digital linearization. RS232 standard. Accumulator with auto or manual entry. Optional relay outputs or 4-20ma analog output. 3 input signals for external control. NTEP 04-034 III/IIIL 10,000 div.

Part Number	Weight	Stock
AD-4406 Weighing Indicator	6 lb	

### Options

AD-4406-03 RS422/485/Relays solid state AC output Replaces standard RS232	1 lb	6147
AD-4406-05 RS232 w/Relays solid state AC output Replaces standard RS232	1 lb	6148

AD-4406-07* Analog output 4-20 ma (replaces std RS232)	1 lb	6149
AD-1681 Rechargeable battery pack	2 lb	3122

\* Analog output card comes with its own AC adapter. When the analog output card is installed, (2) AC adapter will be used, one for the basic indicator and one for the analog output.

## SPECIFICATIONS

LOAD CELL .....5 VDC +/- 5%, 60 ma  
(4)350 or (8) 700 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT .....0.2  $\mu$ V per div min

CONVERSION .....10 times/sec display update  
Integrating dual slope type  
40,000 display divisions  
1,000,000 internal divisions

ACCURACY .....0.01% of full scale

OUTPUT .....RS232 serial  
RS422/485/Relays replaces std RS232 \*  
RS232 w/Relays replaces std RS232 \*  
Baud 600, 1200, 2400, 4800, 9600, O, E, N  
\* Optional

KEYS.....ZERO, TARE, NET/GROSS, F1, F2, ON/OFF

ANNUNCIATORS .....Stable, Net, Zero, Hi, Ok, Lo, Ready, Batt, M+

DISPLAY .....Large 1" high LCD display  
999,950 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER .....120 VAC +/-10%, 50/60Hz, 30 VA  
AC adapter or alkaline C battery operation.  
180 hours life with (1) 350 ohm load cell  
70 hours life with (4) 350 ohm load cells

SIZE .....7.56"W x 3.43"D x 3.78"H, 6 lb  
Bracket included for desktop or wall mount.  
Panel mount  
Plastic enclosure, IP65



### FS-D Weighing Indicator

Stainless steel housing. Standard and take-away checkweighing. 0.5 sec measurement time. Auto tare function. Negative comparison. Drive up to 4 x 350 ohm load cells. Can be programmed to only the following 8 fixed capacities - 6, 15, 30, 60, 150, 300, 600, 1500 kg. 2 year warranty.

Part Number	Weight
FS-D Indicator	14 lb

#### Options

HC-06i Rechargeable battery pack	5 lb
FS-03i RS232C & Relay output	1 lb
FS-04 RS485 & Relay output*	1 lb

\*FS-03i and FS-04 cannot be used at the same time.



FS-D



### SPECIFICATIONS

LOAD CELL .....5 VDC +/- 5%, 60 ma  
(4) 350 ohm load cells  
No remote sensing

ANALOG INPUT .....0.2  $\mu$ V per div min

CONVERSION .....Update rate 20 times/second

ACCURACY .....0.01% of full scale

OUTPUT .....RS232 & comparator relay\*  
RS422/485 & comparator relay\*  
\* optional

KEYS. ....ON/OFF, RECALL, KEY, SAMPLE, PT,  
STORE, LO, HI, TARE, UNITS, DISPLAY  
ZERO, CLEAR, PRINT/ENTER

ANNUNCIATORS .....Stable, Net, Zero, Print, PT, Lo, Ok, Hi

DISPLAY .....7 segment LCD. 0.73" with backlight

POWER .....100-240 VAC +/-10%, 50/60Hz, 30 VA  
80 hours (depends on usage)

SIZE .....9.8"W x 8"D x 10.5"H  
desktop/wall mount stand and connector  
plug for use with platforms from A&D  
Weighing and most manufacturers.  
SS enclosure, IP65

Prices are subject to change without notice. Please call for current prices.

Other items are available from the manufacturers, please call for prices.

99 Reagent Lane  
Fair Lawn NJ 07410  
201-797-2718 \* 800-631-0347

**Totalcomp**  
Components

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Fax 201-797-2287  
Toll Free Fax 888-797-2288



AD-4321



## AD-4321 Weighing Indicator

Service parts only.

Part Number	Weight
<b>Service Parts</b>	
01 Parallel BCD output TTL level	1 lb
05 Stainless steel water resistant enclosure	1 lb
PZ:710A A/D converter board	1 lb
08:A47486 capacity tag	1 lb
JM:NJC-207-PF load cell connector	1 lb
JM:NJC-207-RM connector w/flange for rear panel	1 lb



### AD-4322A MKII Weighing Indicator

10 key pad for easy tare entry. 100 I.D. code (8 digit) memory information blocks that contain Tare, Comparator limits, running code total weight and number of weighing events for each separate coded item. 50 tare weights can be stored in memory by I.D. number. Full Digital Calibration (FDC) for easy setting of zero and span. Digital linearization function to compensate for non-linearity of load cells. Will switch from lb to kg at the press of a button. Standard 20 ma serial output. Digital filter with four settings for everything from high speed automated weighing to animal weighing. Waterproof keyboard makes this indicator very useful in a variety of environments. Optional built in printer. Panel mount, desk top or wall mount. Twin displays. One display for weight, other for parameter setting, optional time and date. Peak hold circuit, built in comparator, complete RFI protection. NTEP approved Truck Scale program for general applications and Weigh-In, Weigh-Out usage.

S.WA 4315

NTEP 89-037 III/IIIL 10,000 div.

Part Number	Weight	Stock
AD-4322A MKII Indicator, basic	10 lb	
AD-4322A MKII-08 Indicator w/printer	11 lb	1680

#### Options

AD-4322-01 Parallel BCD output open collector	1 lb	1575
AD-4322-01A Parallel BCD output TTL levels	1 lb	1929
AD-4322-02 Setpoint interface	1 lb	1771
AD-4322-04 Serial output (RS232/current output)	1 lb	1576
AD-4322-07 Analog output 4-20ma	1 lb	1577
AD-4322-08 Built in printer	1 lb	1578
AD-4322-09 Digital clock(time & date)for use w/printer	1 lb	1579
AD-4322-10 Panel mount kit	1 lb	1109
AD-4322-11 Wall mount kit	1 lb	1110

#### Service Parts

JM:NJC-207-PF load cell connector	1 lb	642M
JM:NJC-207-RM connector w/flange for rear panel	1 lb	474M
WP:PP129-28A Thermal paper for printer, pack of (5)	1 lb	1750
01:A39844 Keysheet overlay	1 lb	65
PZ:2084 Switchboard (behind overlay)	1 lb	66
PZ:2082 Main board for AD4322A MKII	1 lb	1552
Instruction manual	1 lb	664
Maintenance manual	1 lb	665



AD-4322A MKII  
w/ optional printer

### SPECIFICATIONS

LOAD CELL . . . . .12 VDC +/- 5%, 280 ma  
(8)350 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.6  $\mu$ V to 200  $\mu$ V per div

CONVERSION . . . . .Update rate 16 times/sec  
20,000 display divisions  
330,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .20ma serial loop  
RS232 & 20ma serial loop or BCD \*  
Baud 600, 1200, 2400, 4800, 9600, even  
4-20ma analog \*  
Setpoint interface \*  
\* Optional

KEYS. . . . . ZERO, NET/GROSS, TARE, CODE, M+, M-,  
STORE, RECALL, TOTAL, PRINT, FEED,  
STANDBY/OPERATE

ANNUNCIATORS . . . . .Center of Zero, Motion Detection, Net/Gross,  
Tare Entered, kg, lb, Under, Accept, Over

DISPLAY . . . . .Bright easy to see cobalt blue 0.5" high  
500,000 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . .120 VAC +/-10%, 50/60Hz, 200 watts

SIZE . . . . .200W x 142D x 186H mm, 10 lb  
Desk top or panel mount  
Plastic enclosure

Prices are subject to change without notice. Please call for current prices.

Other items are available from the manufacturers, please call for prices.

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AD-4323



## AD-4323 Digital Weighing Indicator

Includes all the latest improvements to be a successor to the reliable AD4316. Standard functions are 17 updates/second, full RFI protection, digital filtering, DIN panel cutout, full digital calibration, no pots, set point interface, serial current loop output.

S.WA 4298

NTEP 88-095 III/IIIL 10,000 div.

Part Number	Weight	Stock
Service Parts only.		

### Field installable options

AD-4324-01 Parallel BCD output-open collector	1 lb	
AD-4323-01A Parallel BCD output-TTL level	1 lb	1846
AD-4324-04 Serial output RS232C/20ma loop	1 lb	1445
AD-4323-07 Analog output 4-20 ma	1 lb	1446M

### Service Parts

JM:NJC-207-PF load cell connector	1 lb	642M
01:A34806 keysheet overlay	1 lb	678
PZ:2074 display board	1 lb	325
PZ:2074/2075 display & main board	1 lb	326
PZ:2076 Switchboard (behind overlay)	1 lb	534
PZ:2077 A/D converter board	1 lb	688

## SPECIFICATIONS

LOAD CELL .....12 VDC +/- 5%, 280 ma  
(8)350 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT ....0.6  $\mu$ V to 36  $\mu$ V per div

CONVERSION .....17 times/sec display update  
70/sec sample rate for internal setpoint  
comparison  
Integrating dual slope  
10,000 display divisions

ACCURACY .....0.01% of full scale

OUTPUT .....RS232 & 20ma serial loop or BCD \*  
Baud 600, 1200, 2400, 4800, 9600, even  
4-20ma analog \*  
\* Optional

KEYS.....ZERO, TARE, GROSS/NET, PRINT,  
STANDBY/OPERATE

ANNUNCIATORS ...Zero, MD, Net/Gross, Tare entered, lb, kg

DISPLAY .....Bright, easy to see cobalt blue 0.5" high  
500,000 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER .....120 VAC +/-10%, 50/60Hz, 20 watts

SIZE .....7.6"W x 7.4"D x 3.8"H, 7 lb  
Desk top or panel mount plastic enclosure



## AD-4325A Batch Weighing Indicator

Up to 100 coded groups of setpoint values can be stored in memory. This indicator eliminates the need for external setpoint units. All setpoint functions and memory are built in.

A new "\*" key easily recalls the next setpoint group for multi-ingredient batching. Three-Gate control of full, medium and dribble flow gates is easy with the built-in automatic mode or the customer programmed control modes. The customer programmed mode allows for full interaction with software or programmed logic control boards.

With a new approach to features such as flexible front-panel command, BCD code input, control I/O, or complete RS232C serial interface system- integration, the AD-4325A gives you complete batching control with memory and the automatic data collection/output.

Stores up to 100 coded groups of setpoint values with running totals for each group. Automatic Free Fall Compensation constantly updates the free fall value for greater filling accuracy. Unrivalled conversion speed of 70 times/sec. Standard current loop for output to an external printer. Protected from electromagnetic (EMI) and radio frequency (RFI) interference. Full Digital Calibration of Zero and Span.

Canadian AM 4802  
NTEP 92-177 III/IIIL 10,000 div.

Part Number	Weight	Stock	Price C
AD-4325A Batch Weighing Indicator	13 lb	1699	

### Options

AD-4342-04 Serial output/RS232, 20mA loop	1 lb	1445
AD-4325-02 Relay output	2 lb	1037

### Service Parts

Maintenance manual with parts list and schematics	1 lb	1704
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AD-4325A

## SPECIFICATIONS

LOAD CELL .....12 VDC +/- 5%, 280 ma  
(8)350 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT .....0.6  $\mu$ V to 200  $\mu$ V per div

CONVERSION .....17 times/sec display update  
70/sec sample rate for internal setpoint comparison  
Dual slope integration  
10,000 display divisions  
96,000 internal divisions

ACCURACY .....0.01% of full scale

OUTPUT .....20ma serial loop  
RS232 & 20ma serial loop or BCD \*  
Baud 600, 1200, 2400, 4800, 9600, O, E, N  
100 ingredients  
Setpoint relays \*  
\* Optional

KEYS..... OPERATE/STANDBY, ZERO, TARE, TARE CLEAR, NET/GROSS, \*

ANNUNCIATORS .....Zero, MD, Gross, Net, Tare entered, Hold, kg, t

DISPLAY .....Bright easy to see cobalt blue 0.5" high  
500,000 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER .....120 VAC +/-10%, 50/60Hz, 20 watts

SIZE .....10.63"W x 8.4"D x 4.72"H, 13 lb  
Plastic enclosure, panel mount only

Prices are subject to change without notice. Please call for current prices.

Other items are available from the manufacturers, please call for prices.

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AD-4327A



AD-4327B

## AD-4327 Weighing Indicator

Service parts only.

Part Number	Weight	Stock
<b>Service Parts</b>		
JM:NJC-207-PF load cell connector	1 lb	
JM:NJC-207-RM connector w/flange for rear panel	1 lb	474M
TB:163 Adapter 120VAC/7.5VDC,500ma	1 lb	2730MB
08:C42675B Keysheet overlay AD-4327A	1 lb	2726
08:C42677A Keysheet overlay AD-4327B	1 lb	2727
08:B31449B Display overlay AD-4327B	1 lb	2793

## SPECIFICATIONS

LOAD CELL . . . . .5 VDC +/- 5%, 90 ma  
(6)350 or (12)700 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.2  $\mu$ V to 120  $\mu$ V per div

CONVERSION . . . . .Update rate 5 times/sec  
10,000 display divisions  
40,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .RS232 & 20ma serial loop or set points \*  
Baud 600, 1200, 2400, 4800, 9600, even  
\* Optional

KEYS. . . . . ON/OFF, MODE, ZERO, TARE, NET/GROSS,  
SAMPLE, PRINT

ANNUNCIATORS . . . .MD, Zero, Gross, Net, Under, Target, Over

DISPLAY . . . . .Large easy to see LCD 0.87" high  
199,980 max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . .(6) "C" size batteries or 120 VAC adapter,  
160 hours w/alkaline cells driving a load cell.

SIZE . . . . .11.00"W x 6.30"D x 5.12"H, 10 lb  
Desk top or wall mount  
NEMA 4 **stainless steel** enclosure



### AD-4328 Digital Weighing Indicator

A low cost, general purpose Weighing Indicator. Full digital calibration. Mount on panel or desktop. Comparator function and optional relay/transistor output. HI/GO/LO comparator and simple weighing-in comparator can be selected. Bright red LED display. Front panel is splashproof, equivalent to IP65. Includes 120VAC adapter.

Canadian AM-5252

NTEP 99-074 III/IIIL 10,000 div.

Part Number	Weight
AD-4328 Weight Indicator	8 lb

#### Options

4328-01 BCD output open collector	1 lb
4328-02 Comparator outputs open collector	1 lb
4328-03 RS-422/485 Serial interface w/comp output	1 lb
4328-04 RS232,20ma & Comparator relay output	1 lb
4328-10 Indicator stand	1 lb

#### Service Parts

TB:163 Adapter 120VAC/7.5VDC,500ma	1 lb
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AD-4328

### SPECIFICATIONS

LOAD CELL . . . . .5 VDC +/- 5%, 90 ma  
(6)350 or (12)700 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.2  $\mu$ V to 375  $\mu$ V per div

CONVERSION . . . . .10 times/sec display update  
Dual slope integration  
20,000 display divisions  
40,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .20ma serial loop  
Parallel BCD open collector transistor \*  
Comparator output, open collector transistor \*  
RS422/485 serial w/comparator output\*  
RS232/20ma/Comp relay 100ma,50VDC\*  
Baud 600, 1200, 2400, 4800, 9600, even  
\* Optional

KEYS. . . . . OPERATE/STANDBY, PRESET TARE, M+,  
MODE, NET/GROSS, ZERO, TARE, PRINT

ANNUNCIATORS . . . .Zero, MD, Gross, Net, PT, lb, kg

DISPLAY . . . . .Bright red LED 14.2mm high  
6 digits 7 segment  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . .Nominal 9VDC(6VDC to 12VDC)  
AC adapter 120 VAC 50/60Hz, 4 watts

SIZE . . . . .6.6"W x 5"D x 5.5"H, 8 lb  
Desk top or panel mount  
Plastic enclosure

## Indicators



AD-4329



## AD-4329 Weighing Indicator

Triple ranges on weighing capacities. Standard RS232 and 20 ma current loop serial output. 4-point digital linearization across the full span. Standard accessories included: 2m cable for 120 VAC, load cell connector, capacity sticker, external input plug, (4) rubber feet, current loop output plug.  
NTEP 03-046 III/IIIL 10,000 div

Part Number	Weight	Stock
AD-4329 Indicator	8 lb	

## Options

AD-4329-01 BCD output replaces standard RS232	1 lb	614
AD-4329-02 Relay outputs (3) 250 VAC or 30 VDC	1 lb	615

## Service Parts

JM:NJC-207-PF load cell connector	1 lb	642M
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## SPECIFICATIONS

LOAD CELL . . . . . 5 VDC +/- 5%, 120 ma  
(8)350 ohm load cells  
Remote sensing for long cable runs

ANALOG INPUT . . . . .0.2  $\mu$ V per div

CONVERSION . . . . .Update rate 10 times/sec  
20,000 display divisions  
40,000 internal divisions

ACCURACY . . . . .0.01% of full scale

OUTPUT . . . . .RS232  
20ma serial loop  
Baud 600, 1200, 2400, 4800, 9600, even  
BCD \*  
Relay outputs \*  
\* Optional

KEYS. . . . . OPERATE/STANDBY, PRESET TARE, M+,  
MODE, NET/GROSS, ZERO, TARE, PRINT

ANNUNCIATORS . . . . M+, MD, Gross, Net, PT, Zero, kg, lb

DISPLAY . . . . . Bright easy to see cobalt blue 0.5" high  
7 digit max display  
Decimal point selectable  
Display div 1,2,5,10,20,50

POWER . . . . . 120 VAC +/-10%, 50/60Hz, 30 watts

SIZE . . . . . 192W x 165D x 96H mm, 8 lb  
7.56" x 6.5"D x 3.78"H  
Desk top or panel mount  
Plastic enclosure